Amendments to the Claims

Claims 1 - 22 are hereby cancelled.

23. (Currently amended) [The] A method [of claim 17 or claim 18,] for custom fitting an

article to a human being or animal comprising,

selecting on the basis of body information about said human being or animal a subset

of entries from a database populated with entries,

wherein said entries comprise data from which said article is designed,

wherein each of said database entries comprises body dimensions measured for

another individual human being or animal and body information about said other individual

human being or animal,

wherein said subset comprises body information about said other individual human

beings or animals identical to body information about said human being or animal,

wherein said subset comprises more than one database entry, and a single entry is

selected from said subset by iteratively narrowing [said] a predetermined neighborhood of

body information about said human being or animal.

24. (Currently amended) [The] A method [of claim 17 or claim 18,] for custom fitting an

article to a human being or animal comprising,

selecting on the basis of body information about said human being or animal a subset

of entries from a database populated with entries,

wherein said entries comprise data from which said article is designed,

wherein each of said database entries comprises body dimensions measured for

another individual human being or animal and body information about said other individual

human being or animal,

wherein said subset comprises body information about said other individual human

beings or animals identical to body information about said human being or animal,

wherein said subset is empty, and wherein a second subset is selected by iteratively

expanding [said] a predetermined neighborhood of body information about said human being

or animal.

Claims 25-47 are hereby cancelled.

48.   (Currently amended) [The] A method [of claim 42 or claim 43,] for custom fitting an

article to a human being or animal comprising,

obtaining body information about said human being or animal;

populating a database with entries comprising data about other individual human

beings or animals selected from the group consisting of body dimensions and body

information;

selecting a subset of entries from said database on the basis of said body information

about said human being or animal; and

designing said article on the basis of said subset of entries,

wherein each of said database entries comprises body dimensions measured for

another individual human being or animal and body information about said other individual

human being or animal,

wherein said subset comprises body information about said other individual human

beings or animals identical to body information about said human being or animal, and

wherein said subset comprises more than one database entry, and a single entry is

selected from said subset by iteratively narrowing [said] a predetermined neighborhood of

body information about said human being or animal.

49.   (Currently amended) [The] A method [of claim 42 or claim 43,] for custom fitting an

article to a human being or animal comprising,

obtaining body information about said human being or animal;

populating a database with entries comprising data about other individual human

beings or animals selected from the group consisting of body dimensions and body

information;

selecting a subset of entries from said database on the basis of said body information

about said human being or animal; and

designing said article on the basis of said subset of entries,

wherein each of said database entries comprises body dimensions measured for

another individual human being or animal and body information about said other individual

human being or animal,

wherein said subset comprises body information about said other individual human

beings or animals identical to body information about said human being or animal, and

wherein said subset is empty, and wherein a second subset is selected by iteratively

expanding [said] a predetermined neighborhood of body information about said human being

or animal.

Claims 50-72 are hereby cancelled.

73.   (Currently amended) [The] <u>A</u> system [of claim 67 or claim 68,] <u>for custom fitting an</u>

<u>article to a human being or animal comprising,</u>

        <u>a means for obtaining body information about said human being or animal;</u>

        <u>a means for populating a database with entries comprising data about other individual</u>

<u>human beings or animals selected from the group consisting of body dimensions and body</u>

<u>information;</u>

        <u>a means for selecting a subset of entries from said database on the basis of said body</u>

<u>information about said human being or animal, and</u>

        <u>a means for designing said article on the basis of said subset of entries,</u>

        <u>wherein each of said database entries comprises body dimensions measured for</u>

<u>another individual human being or animal and body information about said other individual</u>

<u>human being or animal, and</u>

        <u>wherein said subset comprises body information about said other individual human</u>

<u>beings or animals identical to body information about said human being or animal,</u>

        wherein said subset comprises more than one database entry, and a single entry is

selected from said subset by iteratively narrowing [said] <u>a predetermined</u> neighborhood <u>of</u>

<u>body information about said human being or animal</u>.

74.   (Currently amended) [The] <u>A</u> system [of claim 67 or claim 68,] <u>for custom fitting an</u>

<u>article to a human being or animal comprising,</u>

a means for obtaining body information about said human being or animal;

a means for populating a database with entries comprising data about other individual human beings or animals selected from the group consisting of body dimensions and body information;

a means for selecting a subset of entries from said database on the basis of said body information about said human being or animal; and

a means for designing said article on the basis of said subset of entries,

wherein each of said database entries comprises body dimensions measured for another individual human being or animal and body information about said other individual human being or animal,

wherein said subset comprises body information about said other individual human beings or animals identical to body information about said human being or animal, and

wherein said subset is empty, and wherein a second subset is selected by iteratively expanding [said] a predetermined neighborhood of body information about said human being or animal.

Claims 75-97 are hereby cancelled.

98.   (Currently amended) [The] A custom fitted article [of claim 92 or claims 93,] for a human being or animal,

wherein said article is designed on the basis of a subset of entries from a database,

wherein said database is populated with entries comprising data about other individual human beings or animals selected from the group consisting of body dimensions and body information,

wherein said subset is selected on the basis of body information about said human being or animal,

wherein each of said database entries comprises body dimensions measured for another individual human being or animal and body information about said other individual human being or animal,

wherein said subset comprises body information about said other individual human beings or animals identical to body information about said human being or animal,

wherein said subset comprises more than one database entry, and a single entry is selected from said subset by iteratively narrowing [said] a predetermined neighborhood of body information about said human being or animal.

99.   (Currently amended) [The] A custom fitted article [of claim 92 or claims 93,] for a human being or animal,

wherein said article is designed on the basis of a subset of entries from a database,

wherein said database is populated with entries comprising data about other individual human beings or animals selected from the group consisting of body dimensions and body information,

wherein said subset is selected on the basis of body information about said human being or animal,

<u>wherein each of said database entries comprises body dimensions measured for</u>

<u>another individual human being or animal and body information about said other individual</u>

<u>human being or animal,</u>

<u>wherein said subset comprises body information about said other individual human</u>

<u>beings or animals identical to body information about said human being or animal,</u>

wherein said subset is empty, and wherein a second subset is selected by iteratively

expanding [said] <u>a predetermined</u> neighborhood <u>of body information about said human being</u>

<u>or animal</u>.

Claims 100-105 are hereby cancelled.

106. (New) A method for custom fitting an article to a human being or animal comprising,

selecting on the basis of body information about said human being or animal a subset

of entries from a database populated with entries,

wherein said entries comprise data from which said article is designed,

wherein each of said database entries comprises body dimensions measured for

another individual human being or animal and body information about said other individual

human being or animal,

wherein said subset comprises body information about said other individual human

beings or animals, wherein said body information about said other individual human beings

or animals is within a predetermined neighborhood of body information about said human

being or animal,

wherein said subset comprises more than one database entry, and a single entry is

selected from said subset by iteratively narrowing said neighborhood.

107. (New) A method for custom fitting an article to a human being or animal comprising,

selecting on the basis of body information about said human being or animal a subset

of entries from a database populated with entries,

wherein said entries comprise data from which said article is designed,

wherein each of said database entries comprises body dimensions measured for

another individual human being or animal and body information about said other individual

human being or animal,

wherein said subset comprises body information about said other individual human

beings or animals, wherein said body information about said other individual human beings

or animals is within a predetermined neighborhood of body information about said human

being or animal

wherein said subset is empty, and wherein a second subset is selected by iteratively

expanding said neighborhood.

108. (New) A method for custom fitting an article to a human being or animal comprising,

obtaining body information about said human being or animal;

populating a database with entries comprising data about other individual human

beings or animals selected from the group consisting of body dimensions and body

information;

selecting a subset of entries from said database on the basis of said body information about said human being or animal; and

designing said article on the basis of said subset of entries,

wherein each of said database entries comprises body dimensions measured for another individual human being or animal and body information about said other individual human being or animal,

wherein said subset comprises more than one database entry, and a single entry is selected from said subset by iteratively narrowing said neighborhood,

wherein said subset comprises body information about said other individual human beings or animals, wherein said body information about said other individual human beings or animals is within a predetermined neighborhood of body information about said human being or animal,

wherein said subset comprises more than one database entry, and a single entry is selected from said subset by iteratively narrowing said neighborhood.

109. (New) A method for custom fitting an article to a human being or animal comprising,

obtaining body information about said human being or animal;

populating a database with entries comprising data about other individual human beings or animals selected from the group consisting of body dimensions and body information;

selecting a subset of entries from said database on the basis of said body information about said human being or animal; and

designing said article on the basis of said subset of entries,

wherein each of said database entries comprises body dimensions measured for another individual human being or animal and body information about said other individual human being or animal,

wherein said subset comprises body information about said other individual human beings or animals, wherein said body information about said other individual human beings or animals is within a predetermined neighborhood of body information about said human being or animal,

wherein said subset is empty, and wherein a second subset is selected by iteratively expanding said neighborhood.

110. (New) A system for custom fitting an article to a human being or animal comprising,

a means for obtaining body information about said human being or animal;

a means for populating a database with entries comprising data about other individual human beings or animals selected from the group consisting of body dimensions and body information;

a means for selecting a subset of entries from said database on the basis of said body information about said human being or animal; and

a means for designing said article on the basis of said subset of entries,

wherein each of said database entries comprises body dimensions measured for another individual human being or animal and body information about said other individual human being or animal,

wherein said subset comprises body information about said other individual human beings or animals, wherein said body information about said other individual human beings

or animals is within a predetermined neighborhood of body information about said human

being or animal,

wherein said subset comprises more than one database entry, and a single entry is

selected from said subset by iteratively narrowing said neighborhood.

111. (New)   A system for custom fitting an article to a human being or animal comprising,

a means for obtaining body information about said human being or animal;

a means for populating a database with entries comprising data about other individual

human beings or animals selected from the group consisting of body dimensions and body

information;

a means for selecting a subset of entries from said database on the basis of said body

information about said human being or animal; and

a means for designing said article on the basis of said subset of entries,

wherein each of said database entries comprises body dimensions measured for

another individual human being or animal and body information about said other individual

human being or animal,

wherein said subset comprises body information about said other individual human

beings or animals, wherein said body information about said other individual human beings

or animals is within a predetermined neighborhood of body information about said human

being or animal,

wherein said subset is empty, and wherein a second subset is selected by iteratively

expanding said neighborhood.

112. (New)   A custom fitted article for a human being or animal,

wherein said article is designed on the basis of a subset of entries from a database,

wherein said database is populated with entries comprising data about other individual human beings or animals selected from the group consisting of body dimensions and body information,

wherein said subset is selected on the basis of body information about said human being or animal,

wherein each of said database entries comprises body dimensions measured for another individual human being or animal and body information about said other individual human being or animal,

wherein said subset comprises body information about said other individual human beings or animals, wherein said body information about said other individual human beings or animals is within a predetermined neighborhood of body information about said human being or animal,

wherein said subset comprises more than one database entry, and a single entry is selected from said subset by iteratively narrowing said neighborhood.

113. (New) A custom fitted article for a human being or animal,

wherein said article is designed on the basis of a subset of entries from a database,

wherein said database is populated with entries comprising data about other individual human beings or animals selected from the group consisting of body dimensions and body information,

wherein said subset is selected on the basis of body information about said human being or animal,

wherein each of said database entries comprises body dimensions measured for another individual human being or animal and body information about said other individual human being or animal,

wherein said subset comprises body information about said other individual human beings or animals, wherein said body information about said other individual human beings or animals is within a predetermined neighborhood of body information about said human being or animal,

wherein said subset is empty, and wherein a second subset is selected by iteratively expanding said neighborhood.--